GES DISC Evolution Status

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Many thanks to all the GES DISC staff, the OMI, MLS, and HIRDLS teams, as well as ESDIS for the 'success' of our S4PA Evolution!

OMI Status

- Level 0 – data flow switched to S4PA Jan. 2007; machine auraraw1; data are hidden

- Level 1 – version 3 data flow to S4PA as of Sept. 2007; machine aurapar1; data are restricted

- Level 2 – version 2 data transition from ECS to S4PA in progress (to end in October); machine aurapar2; public

- Level 2 – version 3 data flow to S4PA as of March 2007; machine aurapar2; data are public

- Level 2G – version 2 data flow to S4PA as of July 2007; machine acdisc; data are public

- Level 2G – version 3 waiting for delivery; machine acdisc

October 1, 2007

OMI Products in S4PA

- Metadata publication: When data are publicly released metadata is published to WHOM, ECHO and Mirador.

- User Interfaces/Data Access: FTP, WHOM, ECHO/WIST, Mirador and MRI.

- Subscriptions: OMCLDO2 product is distributed to ODPS via subscription. L2 products to AVDC.

MLS Status

- Level 0 – data flow switched to S4PA Jan. 2007; machine auraraw1; data are hidden

- Level 1 – version 1 data transitioned from ECS to S4PA completed June 2007; machine aurapar1; data are public

- Level 1 – version 2 data flow to S4PA started June 2007; machine aurapar1; data are public

- Level 2 – version 1 data transitioned from ECS to S4PA completed May 2007; machine acdisc; data are public

- Level 2 – version 2 data flow to S4PA started May 2007; machine acdisc; data are public

MLS Products in S4PA

- Metadata publication: All Collection 001 and 002 metadata are published to WHOM, ECHO/WIST and Mirador.

- User Interfaces/Data Access: FTP, WHOM, ECHO/WIST, Mirador and MRI

- Subscriptions: L2 Collection 002 data are distributed to AVDC and HIRDLS SIPS

HIRDLS Status

- Level 0 – data flow switched to S4PA Jan 2007; machine auraraw1; data are hidden

- Level 1 – version 2 data not yet received; machine aurapar1

- Level 2 – version 2 data flow to S4PA as of April 2007; machine acdisc; data are public

HIRDLS Products in S4PA

- Metadata publication: After data public release the metadata are published to WHOM, ECHO and Mirador.

- User Interfaces/Data Access: FTP, WHOM, WIST/ECHO, Mirador and MRI.

- Subscriptions:

    - L1 subscriptions will be activated for BADC once delivery begins.

    - L2 subscription is activated for BADC and MLS SCF

GMAO Subsets in S4PA

- GEOS 5.0.1 in S4PA machine goldsfs1; Subscriptions to MLS and HIRDLS

- GEOS 5.1.0 Data Flow Tested Sept. 2007; Subscriptions set up for MLS and HIRDLS*

  * HIRDLS requested new subset type to be added

GES DISC Overview

Dataset	Provider	S4PA Server	Public	WHOM	Mirador	ECHO	Giovanni
OMI L0	EDOS	auraraw1	NO				
OMI L1 V002	ECS	N/A	NOT PLANNED				
OMI L1 V003	OMI SIPS	aurapar1	PENDING				
OMI L2 V002	ECS	aurapar2	YES	YES	YES	YES	NO
OMI L2 V002	FMI	aurapar2	YES	YES	YES	YES	NO
OMI L2G V002	OMI SIPS	acdisc	YES	6/10	6/10	6/10	2/10
OMI L2 V003	ODPS	aurapar2	IN PROGRESS	1/3	YES	YES	NO
OMI L2 V003	OMI SIPS	aurapar2	IN PROGRESS	1/10	YES	YES	NO
OMI L3	FMI	acdisc	YES	YES	YES	YES	NO
MLS L0	EDOS	auraraw1	NO	N/A	N/A	N/A	N/A
MLS L1 V001	ECS	aurapar1	YES	YES	YES	YES	NO
MLS L1 V002	MLS SIPS	acdisc	YES	YES	YES	YES	NO
MLS L2 V001	ECS	acdisc/aurapar2*	YES	YES	YES	YES	YES
MLS L2 V002	MLS SIPS	acdisc/aurapar2*	YES	YES	YES	YES	YES
HIRDLS L0	EDOS	auraraw1	NO	N/A	N/A	N/A	N/A
HIRDLS L1 V002	HIRDLS SIPS	aurapar1	WAITING				
HIRDLS L2 V002	HIRDLS SIPS	acdisc	YES	YES	Yes	YES	NO

GES DISC Public Data Access

- FTP:

  - L1 ftp://aurapar1u.ecs.nasa.gov/data/s4pa/

  - OMI L2 and
    MLS DGG/DGM: ftp://aurapar2u.ecs.nasa.gov/data/s4pa/

  - L2/L3: ftp://acdisc.gsfc.nasa.gov/data/s4pa/

- Mirador: http://mirador.gsfc.nasa.gov/

- WHOM: http://disc.gsfc.nasa.gov/data/datapool/

- WIST: http://wist.echo.nasa.gov/~wist/api/imswelcome/

- Giovanni: http://giovanni.gsfc.nasa.gov/

- MRI example: http://acdisc.gsfc.nasa.gov/acd-bin/s4pa_m2m_cgi.pl?
  dataset=HIRDLS2&version=002&startTime=2005-01-01 00:00:00&endTime=2007-01-01